

name, status and traditional uses are reported. Next, information on biota deemed worthy of conservation concerns with definitions of conservation terminology (example: threatened vs. endangered). In addition, a table of endemic species, one on pestiferous and invasive species and those species protected by Marshall Island law ease the reader in identifying biota of critical importance. Illustrations are found throughout the book, often with scientific and Marshallese name, and five color figures with keys to identify the organisms in an important community, such as a coral reef. These illustrations enhance the book's properties, helping reader appreciate the biodiversity on the Marshall Islands.—Amy Trauth Nare, *Botanical Research Institute of Texas, 509 Pecan Street, Fort Worth, TX, 76102 U.S.A., amy_trauth@yahoo.com.*

CHARLES H. SMITH. 2000. **Biodiversity Studies: A Bibliographic Review.** (ISBN 0-8108-3754-4, hbk.) Scarecrow Press, 4720 Boston Way, Lanham, MD 20706, U.S.A. <http://www.scarecrowpress.com> (Orders: The Rowman & Littlefield Publishing Group, 15200 NBN Way, Blue Ridge Summit, PA 17214-0191, U.S.A., 800-462-6420). \$69.00, 449 pp, 5 1/2" × 8 1/2".

Charles H. Smith, Science Librarian and Associate Professor of Library Public Services at Western Kentucky University, cites literature both on the biological study of diversity itself, and on the socio-natural science of diversity conservation. His effort has received two very prestigious recognitions. His work was listed in *Library Journal's* Best Reference Sources for 2000, and it won the biannual 2001 Oberly Award for Bibliography in the Agricultural or Natural Sciences.

Two bibliographies are included in this work. Bibliography I, "Books and Articles," lists approximately 1,200 monographs and 4,500 articles, while Bibliography II, "Special Issues," provides a selective accounting of special issues of journals/serials dealing exclusively with biodiversity in all aspects. His emphasis is on the literature of the investigation of biodiversity, the written record of efforts to measure, understand, monitor, and preserve it. Some self-imposed restrictions had to be considered during his exhaustive literature search, which included over one hundred electronic databases and an equal number of print bibliographies and references cited lists. Because of space limitations individual papers appearing in edited collections were excluded, as were electronic sources, theses, dissertations, reference works, systematic or floral/faunal revisions, and juvenile literature. Almost every entry in the list is in the English language. What is featured is the primary literature of biodiversity-directed natural science, social science, and humanities subjects, with a select amount of science journalism. Coverage centers on the period 1986 to 1998, but extends to many works published prior to that date that remain relevant to trends occurring during it.

His basic goal was to provide as much information as possible in as little space as possible for each entry. Each citation is enhanced with bibliometric ratings, brief annotations, and/or a list of descriptive "added terms." The bibliometric rating for journals appears as a 1 to 3 scale according to the average number of times they have been listed as cited over a several- to ten- or twelve-year period in the combined *Citation Index* portions of *Science Citation Index*, *Social Sciences Citation Index*, and *Humanities Citation Index*. Monographs are rated on the same 1-3 scale but on three different factors: (1) the number of OCLC libraries who hold the item; (2) number of times the work was reviewed after publication; and (3) number of citations it has generated. Both ratings appear in brackets after the pagination in the citation. An "Honors" list appears in his introduction for the ten most frequently mentioned publishers and the twelve serial publications most frequently cited. The addition of the bibliometric ratings makes this bibliography not only unique but also especially useful due to its analysis of the relative importance or value of each entry.

The three indexes, covering general, geographical, and organismal subjects, respectively, generate over 20,000 referrals to the items in the bibliography. Index I is alphabetically arranged by subject. Index II is divided into nine regional lists. Index III contains nine taxonomic lists. The indexing features many cross-referrals because so many of the significant concepts in the developing field

of biodiversity are associational. The other major feature of the indexes derives from the bibliometric approach taken in Bibliography I. Item numbers in the Indexes that are underlined represent works which were rated with the higher scores. This feature will make it easier to prioritize readings. The work also surveys closely related topics from such allied fields as environmental ethics, nature philosophy, environmental law, agricultural ecology, evolutionary biology, biometrics, sustainable development, environmental policy, forestry, genetics, education, climatology, and paleobiology. It provides a good overview of important research and will make the literature review process easier.

While "Biodiversity Studies: A Bibliographic Review," is highly recommended for scientists, educators and professionals-to-be, it cites a fair amount of material that can be understood by undergraduates or even high school students. This book would be a valuable addition to library reference collections and should be in all graduate and professional library collections.—Gary L. Jennings, *Botanical Research Institute of Texas, Fort Worth, TX 76102-4060, U.S.A.*

MARY TOOMEY and EVERETT LEEDS. 2002. **An Illustrated Encyclopedia of Clematis.** (ISBN 0-88192-508-X, hbk.). Timber Press, Inc., 133 S.W. Second Avenue, Suite 450, Portland, OR 97204-3527, U.S.A. (Orders: www.timberpress.com, 800-327-5680, 503-227-2878, 503-227-3070 fax). \$59.95, 428 pp, 652 color photos, 5 b/w illustrations, 151 line illustrations, 2 maps, 8 1/2" × 11".

An Illustrated Encyclopedia of Clematis was written by distinguished Clematis experts Mary Toomey and Everett Leeds and supported in spirit and publication by the British Clematis Society. Their goal was to produce a reliable, substantial and definitive work on the genus. This comprehensively illustrated work will meet those needs, particularly of passionate gardeners, hybridizers, and nurseries.

The popularity of the genus *Clematis* as a garden plant rose dramatically in the 1990s in part because of the extraordinary diversity of its flowers and in part because gardeners were exposed to a better and wider range of large flowered cultivars from all corners of the world. Clematis, be they cultivars or species, can also be found in bloom almost every month of the year. Add the astonishing range of flower color and the size and shape of the flowers and it becomes apparent why clematis has been justifiably crowned queen of the climbers. They are very accommodating garden plants. Drama, rhythm, and movement can be created in a garden of any size or shape. Widely known as climbers, the genus also includes shrubby, and herbaceous species and cultivars.

It is the first-ever encyclopedia on the genus and includes more than 550 garden-worthy species and hybrids of the more than 800 listed in the *Royal Horticultural Society's Plant Finder* (1999–2000 ed.). Profusely illustrated, there is a full-color illustration for each of the species and cultivars described located next to the detailed description.

This long-awaited book is separated into two Parts. The first Part is devoted to the care and cultivation of clematis, history and botany, pruning, propagation and hybridization, pests and diseases, and a chapter devoted to growing clematis in North America. The second Part provides an A–Z directory of more than 550 plants, from the acclaimed large-flowered forms to the less familiar shrubby, sub shrubby, and herbaceous forms that are beginning to be available. Using everyday language, the authors provide plant descriptions that include information on synonyms, origin, plant habit and height, flowers, pruning group, flowering period, cultural requirements, recommended uses in the garden, and hardiness zones. Several useful appendices assist gardeners in choosing the right plant for the right site and in obtaining reliable plants and seeds. A list of nurseries is included which specialize in mail order, both foreign and domestic. There is also information included to enable gardeners to choose a clematis by name or by color. The text is accompanied by more than 650